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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph R. Nicolaisen

Serial No.:

10/727,362

Date Filed:

December 4, 2003

Group Art Unit:

2841

Examiner:

Vigushin, John B.

Title:

SYSTEM, METHOD AND APPARATUS FOR OPTIMIZING POWER DELIVERY AND SIGNAL ROUTING IN PRINTED

CIRCUIT BOARD DESIGN

RESPONSE TO FINAL OFFICE ACTION

MAIL STOP – AF
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed June 26, 2006 (the Office Action), Applicants respectfully submit the following amendments set forth below and requests favorable action thereon.

Amendments to Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

to ENGRA — Expling, Uzishi September 11, 4006